

Title (en)

CONNECTOR PIECE FOR FLEXIBLE PLASTIC CONDUITS, COMPRISING A SENSOR ASSEMBLY

Title (de)

ANSCHLUSSSTÜCK FÜR FLEXIBLE KUNSTSTOFFLEITUNGEN MIT SENSORANORDNUNG

Title (fr)

RACCORD POUR CONDUITES FLEXIBLES EN PLASTIQUE, COMPORTANT UN SYSTEME DE CAPTEURS

Publication

**EP 1332313 B1 20070711 (DE)**

Application

**EP 01992857 A 20011012**

Priority

- DE 10054560 A 20001031
- EP 0111804 W 20011012

Abstract (en)

[origin: WO0237013A1] The invention relates to a connector piece for flexible plastic fluid conduits (11), whose wall has at least one electric line bundle (13). A plug-in connection receptacle (15) for the plastic conduit (11) is connected to an internal fluid conduit (28) in the connector piece (10). The receptacle (15) for the plug-in connection has coupling means (22) for an electric connection to the electric line bundle(s) (13) in the plastic conduit (11). At least one connection cable (29) fastened to the side of the connector piece (10) connects a sensor assembly (30) that is attached to the end of the cable (29) furthest away from the connector piece (10), to the coupling means (22). This allows a simple fluidic connection to be made, for example with a working cylinder, whereby the final-position sensors only need to be mechanically connected to the housing of the working cylinder, without requiring additional electric connection work.

IPC 8 full level

**F16L 25/00** (2006.01); **F16L 33/22** (2006.01); **F16L 11/127** (2006.01); **F16L 19/065** (2006.01); **F16L 25/01** (2006.01)

CPC (source: EP US)

**F16L 11/127** (2013.01 - EP US); **F16L 19/0653** (2013.01 - EP US); **F16L 25/01** (2013.01 - EP US); **Y10S 439/913** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0237013 A1 20020510**; AT E366889 T1 20070815; DE 10054560 A1 20020516; DE 50112726 D1 20070823; EP 1332313 A1 20030806; EP 1332313 B1 20070711; ES 2290191 T3 20080216; JP 2004513308 A 20040430; US 2004023550 A1 20040205; US 6848924 B2 20050201

DOCDB simple family (application)

**EP 0111804 W 20011012**; AT 01992857 T 20011012; DE 10054560 A 20001031; DE 50112726 T 20011012; EP 01992857 A 20011012; ES 01992857 T 20011012; JP 2002539733 A 20011012; US 39959903 A 20030417